Introduction to Transportation Systems
PART I:
CONTEXT, CONCEPTS AND CHARACTERIZATION
Chapter 3: Transportation Systems Components: An External Perspective
External Components of the Transportation System

Figure 3.1
Government

- Taxes
- Safety
- User Fees
- Financial Regulation
- Entry and Exit from Market
- Monopolies
Competition

- **Intra-modal** (e.g., other airlines)
- **Inter-modal** (rail vs. truck)
- **The consumer’s money**
  - Buy a house or take a vacation
- **Transportation/Communication System Competition**
Financial Community

- Equity
- Debt
Supply Industry

- Vehicle Providers (and their importance in the global economy) -- automobiles, airplanes
- Infrastructure Builders
  - Low-tech
  - High-tech
- Components
  - Electronics
  - Materials
- Research Community
- Insurance Industry
Stakeholders

- People/Organizations who are *not* customers or suppliers but are nonetheless concerned
  - Environmental Community
  - Abutters, e.g., of airports
  - The General Public -- concerned with quality of life, national defense, economic development, as enabled by the transportation system
The Customer

THE CUSTOMER -- the most important external element, deserving of a chapter all by itself.